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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/852,352	05/08/2001	G. Christian Alford	004939.P008	4681

7590 09/17/2003

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EXAMINER

KENDALL, CHUCK O

ART UNIT	PAPER NUMBER
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2122

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DATE MAILED: 09/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/852,352

Applicant(s)

ALFORD ET AL.

Examiner

Chuck O Kendall

Art Unit

2122

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 May 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Pri ority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is in response to the application filed 05/08/01.
2. Claims 1-26 have been examined.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipated by You et al. USPN 5,787,245 (hereinafter You).

Regarding claim 1, You anticipates a system (a method, & a product, see columns 79-81, lines 1-35) comprising: a first portable thread environment (PTE) (60:35-50, see server), comprising a diagnostic tool (60:35-45); a second PTE configured to receive and send threads (60:35-45, see client);

a third PTE configured to receive and send the threads (see, fig 14 for thread listener, also see); and a PTE router configured to receive the threads and route said threads, wherein the router copies the threads and routes the copies to the diagnostic tool (9:24-30, see debugger object).

Regarding claim 2, the system of claim 1 wherein the diagnostic tool uses the copies to generate diagnostic messages (10:56-59).

Regarding claim 3, the system of claim 2 wherein the diagnostic messages show the threads execution order (2:43-48).

Regarding claim 4, the system (for method, see column 82) of claim 2 wherein the diagnostic messages show all messages generated by the threads (8:40-45).

Regarding claim 5, the system of claim 2 wherein the diagnostic messages show all messages generated for the threads (8:40-45).

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Regarding claim 6, the system of claim 2 wherein the diagnostic messages trigger new events to be performed (8:28-37).

Regarding claim 7, the system of claim 2 wherein the diagnostic tool identifies the threads source (10:11, see client identification, also see 33:10-20).

Regarding claim 8, the system of claim 2 wherein the diagnostic tool truncates threads exceeding a predetermined size (27:3-5).

Regarding claim 9, You anticipates a method, (and system, see fig 2) comprising: intercepting threads (fig, 14 see thread listener and notification) passed from a first PTE to a second PTE (60:35-45, see client and server); copying the threads (34:8-11); generating a diagnostic message by a PTE Tool (10:56-59); and displaying the diagnostic message, wherein the diagnostic message shows the threads execution order (7:20-26, see display and for execution order see program state).

Regarding claim 10, method version, of claim 4.

Regarding claim 11, method version, of claim 5.

Regarding claim 12, method version, of claim 6.

Regarding claim 13, method version, of claim 7.

Regarding claim 14, method version, of claim 8.

Regarding claim 15, system version, of claim 9.

Regarding claim 16, see reasoning in claim 4.

Regarding claim 17, see reasoning in claim 5.

Regarding claim 18, see reasoning in claim 6.

Regarding claim 19, see reasoning in claim 7.

Regarding claim 20, see reasoning in claim 8.

Regarding claim 21, computer-readable medium version of claim 1.

Regarding claim 22, computer-readable medium version of claim 4.

Regarding claim 23, computer-readable medium version of claim 5.

Regarding claim 24, computer-readable medium version of claim 6.

Regarding claim 25, computer-readable medium version of claim 7.

Regarding claim 26, computer-readable medium version of claim 8.

Correspondence Information

5. Any inquires concerning this communication or earlier communications from the examiner should be directed to Chuck O. Kendall who may be reached via telephone at (703) 308-6608. The examiner can normally be reached Monday through Friday between 8:00 A.M. and 5:00 P.M. est.

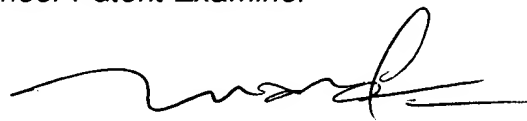
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam *can be* reached at (703) 305-4552.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

For facsimile (fax) send to 703-7467239 official and 703-7467240 draft

Chuck O. Kendall

Software Engineer Patent Examiner



TUAN DAM
SUPERVISORY PATENT EXAMINER